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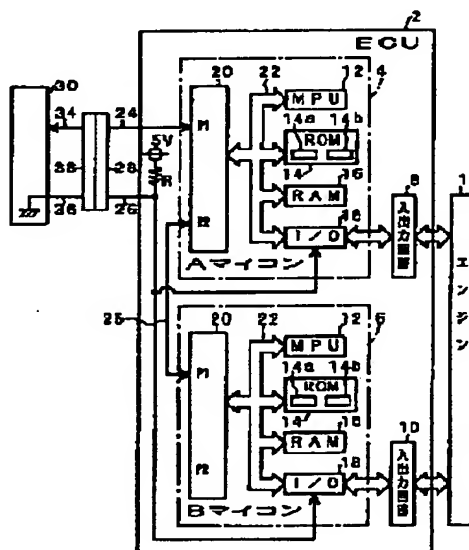
(21) Application number: **07315388**(71) Applicant: **DENSO CORP**(22) Date of filing: **04.12.95**(72) Inventor: **KOBAYASHI MASAYUKI**(54) **ELECTRONIC CONTROLLER**

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(57) Abstract

PROBLEM TO BE SOLVED: To provide an electronic controller which contains plural microcomputers and can easily and surely rewrite the control program and the control data included in each microcomputer.

SOLUTION: In an ECU (electronic control unit) 2 which contains two microcomputers 4 and 6 having the rewritable ROMs 14, a communication port P1 of the microcomputer 4 is connected to a memory rewrite device 30 via an external communication line 24. At the same time, a communication port P2 of the microcomputer 4 is connected to a communication port P1 of the microcomputer 6 via an internal communication line 25. Each of both microcomputers 4 and 6 stores the value obtained by adding 1 to the identification number received from the port P1 as its own identification number and also sends the identification number added with 1 to the next microcomputer via the port P2 before the contents of the ROM 14 are rewritten. As a result, it is not required to previously store the identification numbers in the unrewritable memory areas of both microcomputers 4 and 6.



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